

Pro-Line Poxy Part A

Material Safety Data Sheet

1. Product and Company Information:

Product Name: Pro-Line Poxy Part A

Manufacturer: Bonded Materials Company
 4330 N. 43rd Avenue, Suite B-4
 Phoenix, Arizona 85031, USA
 Phone: 623-873-0001 Fax: 623-873-0007
 Contact: Jim Kleen www.bondedmaterials.com

2. Hazards Identification

Emergency Overview

Color: Gray-white

Physical State: Viscous liquid

Odor: Mild

Primary Routes of Entry: Inhalation – No Skin – Yes Ingestion – No

Health Hazards:

Acute: May cause irritation to eyes with direct contact. Prolonged exposure to skin may cause irritation.

Chronic: Prolonged exposure may cause skin irritation.

Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergic dermatitis.

3. Composition Information

<u>Component</u>	<u>CAS#</u>	<u>Amount</u>
Reaction of Epichlorohydrin & Bisphenol	25068-38-6	

4. First-aid Measures

Signs and Symptoms of Exposure: Skin irritation, reddening of eyes

Emergency and First Aid Procedures: Irrigate eyes with water, wash exposed skin areas with water, remove patient to fresh air. If accidentally ingested, – consult physician.

5. Fire Fighting Measures

Extinguishing Media: Foam, CO2, dry chemical

Special Fire Fighting Procedures: Use self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Can rupture under excessive heat. Burning will result in release of Carbon Dioxide and Carbon Monoxide fumes.

6. Accidental Release Measures

Released or Spilled: Collect spills using absorbent material and collect in suitable container. Residual may be removed with steam or hot soapy water. Keep material safe from spark-producing equipment and extreme heat. Avoid runoff to waterways and sewers. Avoid release to the environment. Use appropriate personal protective equipment (PPE).

7. Handling and Storage

Store in covered, dry area away from sunlight, heat, and heat sources. Protect from freezing
Use only with adequate ventilation. Avoid exposing container to extreme heat (Greater than 200F)

8. Exposure Controls / Personal Protection

Component	Type	Value
Reaction products of Epichlorohydrin & Bisphenol A.	TLV	0.1mg/m3

Personal Protection

Respiratory Protection: OSHA approved respirator for silica dust

Ventilation: Local Exhaust – Yes Mechanical – NA
Special – NA Other – NA

Protective Gloves: Recommended

Eye Protection: Tight fitting goggles in busy areas

Other Protective Clothing: Barrier cream, boots and clothing should protect skin.

Work/Hygienic Practices: Workers should shower with soap and water after working with product.

Personal Precautions: Eliminate exposure to eyes and skin.

Engineering Controls

Ventilation: Use with adequate ventilation. Fan or other device maybe needed if used in a small enclosed area.

9. Physical and Chemical Properties

Appearance and Odor: Gray-white liquid with mild odor

Flash Point: 480F, pmcc Flammable Limits: NA

Vapor Density: NA Specific Gravity: 1.71

Solubility in Water: NA Vapor Pressure: NA

Melting Point: Liquid Boiling Point: NA

Evaporation Rate: NA

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Keep dry until used

Incompatibility: Bases

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization: Will not occur

11. Toxicological Information

Carcinogenicity: NTP: No IARC Monographs – No OSHA Regulated – No

12. Ecological Information

NA

13. Disposal Considerations

Waste Disposal method: In accordance with applicable federal, state and local government regulations and industry standards.

RCRA information: Not considered RCRA waste

14. Transport Information

No special transportation or label placarding is required.

15. Regulatory Information

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.

16. Other Information

Legend:

NA – Not Available

ND – Not Determined

F - Fahrenheit

The information provided is without warranty, representation, inducement or license of any kind; except that it is accurate to the best of company knowledge, or obtained from sources believed by the company to be accurate.

Pro-Line Poxy Part B

Material Safety Data Sheet

1. Product and Company Information:

Product Name: Pro-Line Poxy Part B

Manufacturer: Bonded Materials Company
4330 N. 43rd Avenue, Suite B-4
Phoenix, Arizona 85031, USA
Phone: 623-873-0001 Fax: 623-873-0007
Contact: Jim Kleen www.bondedmaterials.com

2. Hazards Identification

Emergency Overview

Color: Varied

Physical State: Viscous liquid

Odor: Mild ammonia

Primary Routes of Entry: Inhalation – No Skin – Yes Ingestion – No

Health Hazards:

Acute: Will cause irritation to eyes with direct contact. Exposure to skin will cause irritation.

Chronic: Prolonged exposure may cause skin irritation.

Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergic dermatitis.

3. Composition Information

<u>Component</u>	<u>CAS#</u>	<u>Amount</u>
Aliphatic Polyamine	N/A	

4. First-aid Measures

Signs and Symptoms of Exposure: Skin irritation, reddening of eyes

Emergency and First Aid Procedures: Irrigate eyes with water, wash exposed skin areas with water, remove patient to fresh air. If accidentally ingested, – consult physician.

5. Fire Fighting Measures

Extinguishing Media: Foam, CO2, dry chemical

Special Fire Fighting Procedures: Use self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Can rupture under excessive heat. Burning will result in release of Carbon Dioxide and Carbon Monoxide fumes.

6. Accidental Release Measures

Released or Spilled: Collect spills using absorbent material and collect in suitable container. Residual may be removed 5% acetic rinse and then thoroughly rinsed with hot water. Keep material safe from spark-producing equipment and extreme heat. Avoid runoff to waterways and sewers. Avoid release to the environment. Use appropriate personal protective equipment (PPE).

7. Handling and Storage

Store in cool dry area

8. Exposure Controls / Personal Protection

Component	Type	Value
Aliphatic Polyamine	OSHA/TLV	ND

Personal Protection

Respiratory Protection: OSHA approved respirator for silica dust

Ventilation: Local Exhaust – Yes Mechanical – NA
Special – NA Other – NA

Protective Gloves: Recommended

Eye Protection: Tight fitting goggles in busy areas

Other Protective Clothing: Barrier cream, boots and clothing should protect skin.

Work/Hygienic Practices: Workers should shower with soap and water after working with product.

Personal Precautions: Eliminate exposure to eyes and skin.

Engineering Controls

Ventilation: Use with adequate ventilation. Fan or other device maybe needed if used in a small enclosed area.

9. Physical and Chemical Properties

Appearance and Odor: Colored liquid, mild ammonia odor

Flash Point: Set flash > 255F Flammable Limits: ND

Vapor Density: ND Specific Gravity: 0.94

Solubility in Water: Slight Vapor Pressure: ND

Melting Point: Liquid Boiling Point: ND

Evaporation Rate: >1 (ether = 1)

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Keep dry until used

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen, Burning dry material will result in release of dense black smoke

Hazardous Polymerization: Will not occur

11. Toxicological Information

Carcinogenicity: NTP: No IARC Monographs – No OSHA Regulated – No

12. Ecological Information

NA

13. Disposal Considerations

Waste Disposal method: In accordance with applicable federal, state and local government regulations and industry standards.

RCRA information: Not considered RCRA waste

14. Transport Information

No special transportation or label placarding is required.

15. Regulatory Information

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.

16. Other Information

Legend:

NA – Not Available

ND – Not Determined

F - Fahrenheit

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Pro-Line Poxy Part C

Material Safety Data Sheet

1. Product and Company Information:

Product Name: Pro-Line Poxy Part C

Manufacturer: Bonded Materials Company
4330 N. 43rd Avenue, Suite B-4
Phoenix, Arizona 85031, USA
Phone: 623-873-0001 Fax: 623-873-0007
Contact: Jim Kleen www.bondedmaterials.com

2. Hazards Identification

Emergency Overview

Color: Varied

Physical State: Granulars

Odor: NA

Primary Routes of Entry: Inhalation – Yes Skin – Yes Ingestion – No

Health Hazards:

Acute: Exposure to dust may cause eye and upper respiratory irritation.

Chronic: Prolonged exposure may cause inflammation of nose and eyes. Prolonged exposure to dust over the TLV may cause scarring of lungs & delayed lung injury (silicosis).

Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergic dermatitis.

3. Composition Information

<u>Component</u>	<u>CAS#</u>	<u>Amount</u>
Silica Sand	01-4808-60-7	

4. First-aid Measures

Signs and Symptoms of Exposure: Shortness of breath, coughing, reddening of eyes.

Emergency and First Aid Procedures: Irrigate eyes with water, wash exposed skin areas with water, remove patient to fresh air. If accidentally ingested mortar may set and cause bowel obstruction, – consult physician.

5. Fire Fighting Measures

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

6. Accidental Release Measures

Released or Spilled: Collect spills using dustless method, material can be returned to container for later use, wear OSHA approved respirator for silica dust when cleaning area.

7. Handling and Storage

Store in cool dry area

8. Exposure Controls / Personal Protection

Component	Type	Value
Silica Sand	OSHA(respirable)/(total dust)	0.1mg/m ³ / 0.3mg/m ³
Silica Sand	TLV	0.1mg/m ³

Respiratory Protection: OSHA approved respirator for silica dust.

Ventilation: Local Exhaust – Yes Mechanical – NA
Special – NA Other – NA

Protective Gloves: Recommended

Eye Protection: Tight fitting goggles in busy areas

Other Protective Clothing: Barrier cream, boots and clothing should protect skin.

Work/Hygienic Practices: Workers should shower with soap and water after working with product.

Personal Precautions: Eliminate exposure to dust, use OSHA approved mask for silica dust, if freshly mixed mortar gets into eyes or contacts skin – flush immediately and repeatedly with water and contact physician immediately.

9. Physical and Chemical Properties

Appearance and Odor: Colored granulars, no odor

Flash Point: NA Flammable Limits: NA

Vapor Density: NA Specific Gravity: 2.26

Solubility in Water: < 1% Vapor Pressure: NA

Melting Point: ND Boiling Point: NA

Evaporation Rate: NA

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Keep dry until used

Incompatibility: N/A

Hazardous Decomposition Products: N/A

Hazardous Polymerization: Will not occur

11. Toxicological Information

Carcinogenicity: NTP: No IARC Monographs – Yes OSHA Regulated – No
This product itself is not regulated but it contains small amounts of naturally occurring crystalline silica. IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemical to Humans (volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals and that there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC Class 2A.

12. Ecological Information

NA

13. Disposal Considerations

Waste Disposal method: In accordance with applicable federal, state and local government regulations and industry standards.
RCRA information: Not considered RCRA waste

14. Transport Information

No special transportation or label placarding is required.

15. Regulatory Information

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.
W.H.M.I.S. Coed D.2
This product contains a chemical known to the State of California to cause cancer or reproductive harm.

16. Other Information

Legend:

NA – Not Available
ND – Not Determined

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